

Converting Colors

Hex(188CA0)

Have a look what the booklet for
Hex(188CA0) contains.

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Color

Hex(188CA0)

Conversions

Conversions Part 1

Format	Color
Hex	188CA0
RGB	24, 140, 160
RGB Percent	9%, 55%, 63%
CMY	0.9059, 0.4510, 0.3725
CMYK	0.85, 0.12, 0.00, 0.37
HSL	189°, 74%, 36%
HSV	189°, 85%, 63%
XYZ	16.0999, 21.4884, 36.5568
YIQ	107.5960, -75.5560, -18.3720

Conversions

Conversions Part 2

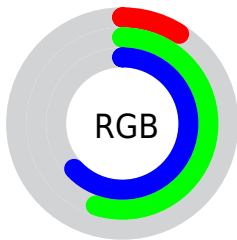
Format	Color
R_{YB}	24, 87, 160
Decimal	1608864
CIE _{Lab}	53.48, -22.83, -19.21
CIE _{LCh}	53, 29.840, 220.080
Yxy	21.4884, 0.2171, 0.2898
Android (android.graphics.Color)	4279798944 (0xFF188CA0)
YUV	107.5960, 25.8352, -73.3137
Hunter-Lab	46.3556, -19.1268, -14.3082

Details

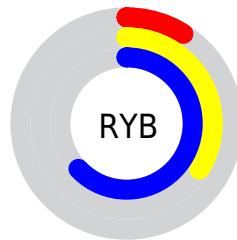
The Hex color **188CA0** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A02C18**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **60C2D7**, and **005A6C** is the 20% darker color. If you saturate the color by 10%, you get **088AA0**, and if you desaturate by 10%, it is **288EA0**.

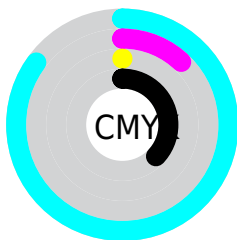
Distribution



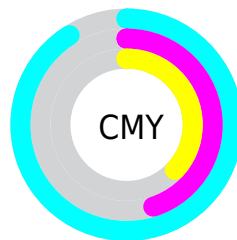
- Red (9%)
- Green (55%)
- Blue (63%)



- Red (9%)
- Yellow (34%)
- Blue (63%)



- Cyan (85%)
- Magenta (12%)
- Yellow (0%)
- Black (37%)



- Cyan (91%)
- Magenta (45%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 188CA0 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 188CA0 by changing the saturation by 10% instead.

 188CA0

 188CA0

FFFFFF

 007286

 60C2D7

 005A6C

 7EDEF3

 004254

 9BFBFF

 002B3D

 B9FFFF

 001627

 D6FFFF

 000112

 F4FFFF

 000000

 188CA0

 188CA0

 088AA0

 288EA0

■ 0088A0

■ 3891A0

■ 4893A0

■ 5895A0

■ 6898A0

■ 789AA0

■ 889CA0

■ 989FA0

■ A8A1A0

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



298E88



188CA0



3D87AF

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



188CA0



A76E92



88814D

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



188CA0



A02C18

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



9F7850



188CA0



B26C78

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



188CA0



8E76A7



AE7060



6C8858

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



188CA0



5B82B3



AE7060



917E4C

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



188CA0



9BC9D1



18A02A



486469



E8E8E8



696969

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



188CA0



00B2D1



184AA0



474E4F



007A8F



000D0F

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



A0188C



D100B2



A06E18



4F474E



8F007A



0F000D

Previews

White Background



This preview shows how the Hex color 188CA0 looks on a white background.

Color Contrast Check

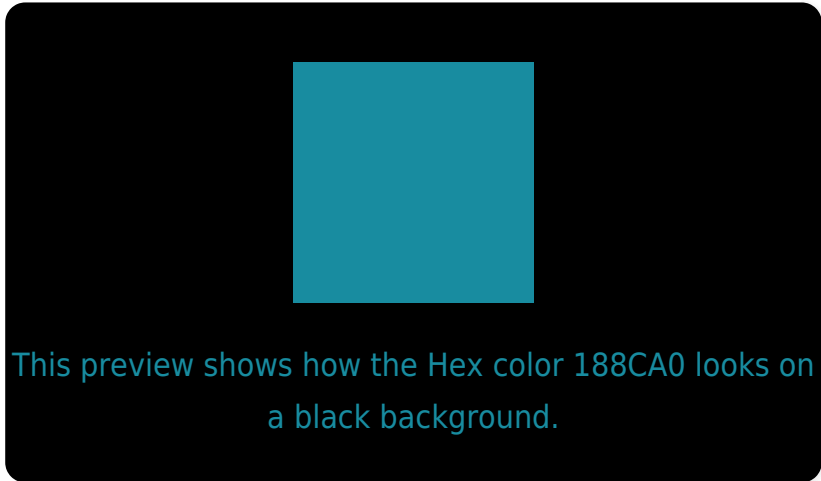
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

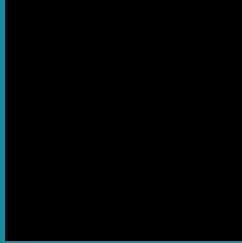
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 188CA0 Background



This preview shows how black text looks on a background with the Hex color 188CA0.

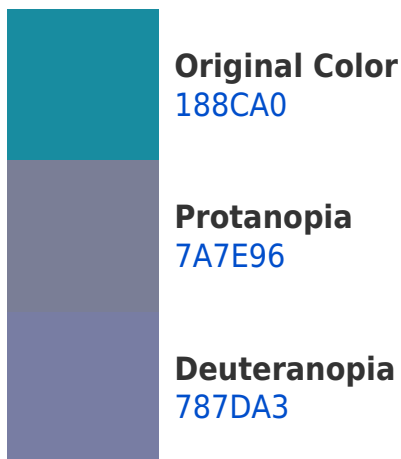


This preview shows how white text looks on a background with the Hex color 188CA0.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

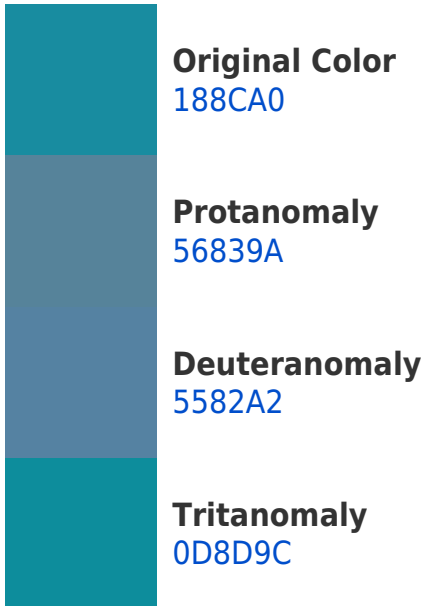
Dichromacy





Tritanopia
078D99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 188CA0 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #188CA0 looks like.

```
.text, #text, p{  
    color:#188CA0  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #188CA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #188CA0
}
```

Border

The CSS property to change the border of an element to Hex 188CA0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#188CA0 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#188CA0 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #188CA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #188CA0; -webkit-box-shadow:4px 4px  
4px 4px #188CA0; box-shadow:4px 4px 4px  
4px #188CA0 }
```

Background

The CSS property to change the background color of an element to Hex 188CA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#188CA0 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#188CA0 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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